| FORM PTO-1449<br>(MODIFIED)  |                         | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE  |  | ATTY. DOCKET NO.<br>IIT-187 |                            | SERIAL NO.<br>10/762,771 |          |               |          |  |
|--|-------------------------|---|--|-----------------------------|----------------------------|--------------------------|----------|---------------|----------|--|
| LIST OF PRIOR ART CITED BY APPLICANT (Use several cheets if necessary)   |                         |   |  | APPLICANT(S)                |                            |                          |          |               |          |  |
|  |                         |   |  | Said AL-HALLAJ et al.       |                            |                          |          |               |          |  |
| O' Tolan   |                         |   |  |                             |                            |                          |          |               |          |  |
|  |                         |   |  |                             | FILING DATE                |                          |          | GROUP         |          |  |
| AND O S 2004 H   |                         |   |  | 22 January 2004             |                            |                          |          |               |          |  |
| *EXAMINER DOCUMENT NUMBER DATE   |                         |   |  | OCUMENTS                    |                            |                          |          |               |          |  |
| *EXAMINER<br>INITIAL   |                         | DOCUMENT NUMBER   | DATE   | N                           | AME                        | CLASS                    | SUBCLASS | FILING D      |          |  |
| EW   | AA                      | 6,365,290   | 04/2002  | Ghezel-A                    | yagh et al.                |                          |          |               |          |  |
|  | AB                      | 6,451,466   | 09/2002  | Grasso e                    | et al.                     |                          |          |               |          |  |
|  | AC                      | 6,171,718   | 01/2001  | Murach                      | et al.                     |                          |          |               |          |  |
|  | AD                      | 6,007,931   | 12/1999  | Fuller et                   | al.                        |                          |          |               | <u> </u> |  |
|  | AE                      | 5,968,680   | 10/1999  | Wolfe et                    | al.                        |                          |          |               |          |  |
|  | AF                      | 5,932,074   | 08/1999  | Hoiss                       |                            |                          |          |               |          |  |
|  | AG                      | 5,925,223   | 07/1999  | Simpson                     | et al.                     |                          |          |               |          |  |
|  | АН                      | 5,853,549   | 12/1998  | Sephton                     |                            |                          |          |               |          |  |
|  | Al                      | 5,413,879   | 05/1995  | Domera                      | cki et al.                 |                          |          | ·             |          |  |
| <b>V</b>   | AJ                      | 5,346,592   | 09/1994  | Madani                      |                            |                          |          |               |          |  |
| EW   | AK                      | 5,208,114   | 05/1993  | Uematsu et al.              |                            |                          |          |               |          |  |
|  | -                       | FOREIG  | N PATEN  | DOCUM                       | ENTS                       |                          |          |               |          |  |
|  |                         | 200111517 1111175   |  | COL                         | COUNTRY CLASS              |                          | SUBCLASS | TRANSLATION   |          |  |
|  |                         | DOCUMENT NUMBER   | DATE   |                             |                            |                          |          | YES           | NO       |  |
| EW   | AL                      | 96/05625  | 02/1996  | PCT                         |                            |                          |          |               |          |  |
|  | AM                      |   |  |                             |                            |                          |          |               |          |  |
|  | AN                      |   | _  |                             |                            | <del></del>              |          |               |          |  |
| <u> </u>   | AO                      |   |  | ļ                           |                            |                          |          |               |          |  |
|  | AP                      |   |  |                             |                            |                          |          |               |          |  |
|  |                         |   | OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) |                             |                            |                          |          |               |          |  |
|  | AR                      | Al-Hallaj et al.: "Conceptual Design of a Novel Hybrid Fuel Cell/Desalination System," Desalination 164 (2004), pp. 19-31 |  |                             |                            |                          |          |               |          |  |
|  |                         | <del>                                     </del>  |  |                             |                            |                          | •        |               |          |  |
|  | AS                      |   | <del></del>  |                             | ·                          |                          |          | <del></del> - |          |  |
|  |                         |   |  |                             |                            |                          |          |               |          |  |
|  | ΑŤ                      | ,   |  |                             |                            |                          |          | <del></del>   |          |  |
| EXAMINER   | EXAMINER /Bugenia Wang/ |   |  |                             | DATE CONSIDERED 10/31/2006 |                          |          |               |          |  |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not |                         |   |  |                             |                            |                          |          |               |          |  |

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|---|----|--|---------------|------------------------------------|-----------------------------|-------------|-------------|--|-----|--|
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)  |    |  |               | APPLICANT(S) Said AL-HALLAJ et al. |                             |             |             |  |     |  |
| O'FE E  |    |  |               |                                    | FILING DATE                 |             |             | GROUP  |     |  |
| NIG 8 5 2804 B  |    |  |               | 22 January 2004                    |                             |             |             |  |     |  |
| U.S. PATENT D   |    |  |               | OCUMENTS                           |                             |             |             |  |     |  |
| *EXAMINER<br>INITIAL  | B  | DOCUMENT NUMBER  | DATE          | N.                                 | AME                         | CLASS       | SUBCLASS    | FILING D                                       |     |  |
| EW  | AA | 4,907,410  | 03/1990       | Chang                              |                             |             |             |  |     |  |
| EW  | AB | 2002/0006969   | 01/2002       | O'Beck                             | et al.                      |             |             |  |     |  |
| EW  | AC | 2002/0017463   | 02/2002       | Merida-E                           | Donis                       |             |             |  |     |  |
|   | AD |  |               |                                    |                             |             |             |  |     |  |
|   | AE |  |               |                                    |                             |             |             |  |     |  |
|   | AF |  |               |                                    |                             |             |             |  |     |  |
|   | AG |  |               |                                    |                             |             |             |  |     |  |
|   | АН |  |               |                                    | <u></u>                     |             |             |  |     |  |
|   | Al |  |               | l                                  |                             |             |             |  |     |  |
|   | AJ |  |               |                                    |                             |             |             |  |     |  |
|   | AK |  |               |                                    |                             |             |             |  |     |  |
| FOREIGN PATENT DOCUMENTS  |    |  |               |                                    |                             |             |             |  |     |  |
|   |    |  |               |                                    |                             |             | TRANSLATION |  |     |  |
|   |    | DOCUMENT NUMBER  | DATE          | COUNTRY                            | JNTRY                       | CLASS       | SUBCLASS    | YES  | _NO |  |
|   | AL | •  |               |                                    |                             |             |             |  |     |  |
|   | AM | ·  | ,             |                                    |                             |             |             |  |     |  |
|   | AN |  |               |                                    |                             |             |             |  |     |  |
|   | AO |  |               |                                    |                             |             |             |  |     |  |
|   | AP |  |               |                                    |                             |             |             |  |     |  |
|   |    | OTHER PRIOR ART (In  | cluding Autho | or, Title, Da                      | te, Pertinent P             | ages, Etc.) |             | ·  |     |  |
|   |    |  |               |                                    |                             |             |             |  |     |  |
|   | AR |  |               |                                    |                             |             |             |  |     |  |
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|   | AS |  |               |                                    |                             |             |             |  |     |  |
|   | AT |  |               | <u> </u>                           |                             |             |             | <u>.                                      </u> |     |  |
| <u></u>   | ,  |  |               |                                    |                             |             |             |  |     |  |
| EXAMINER /Eugenia Wang/   |    |  |               |                                    | DATE CONSIDERED 10/31/2006  |             |             |  |     |  |
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